

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062850.D
 Acq On : 24 Jun 2019 19:42
 Operator : VA/AP
 Sample : K3500-07
 Misc : 5.98g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-7(9-10)

Quant Time: Jun 25 05:05:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

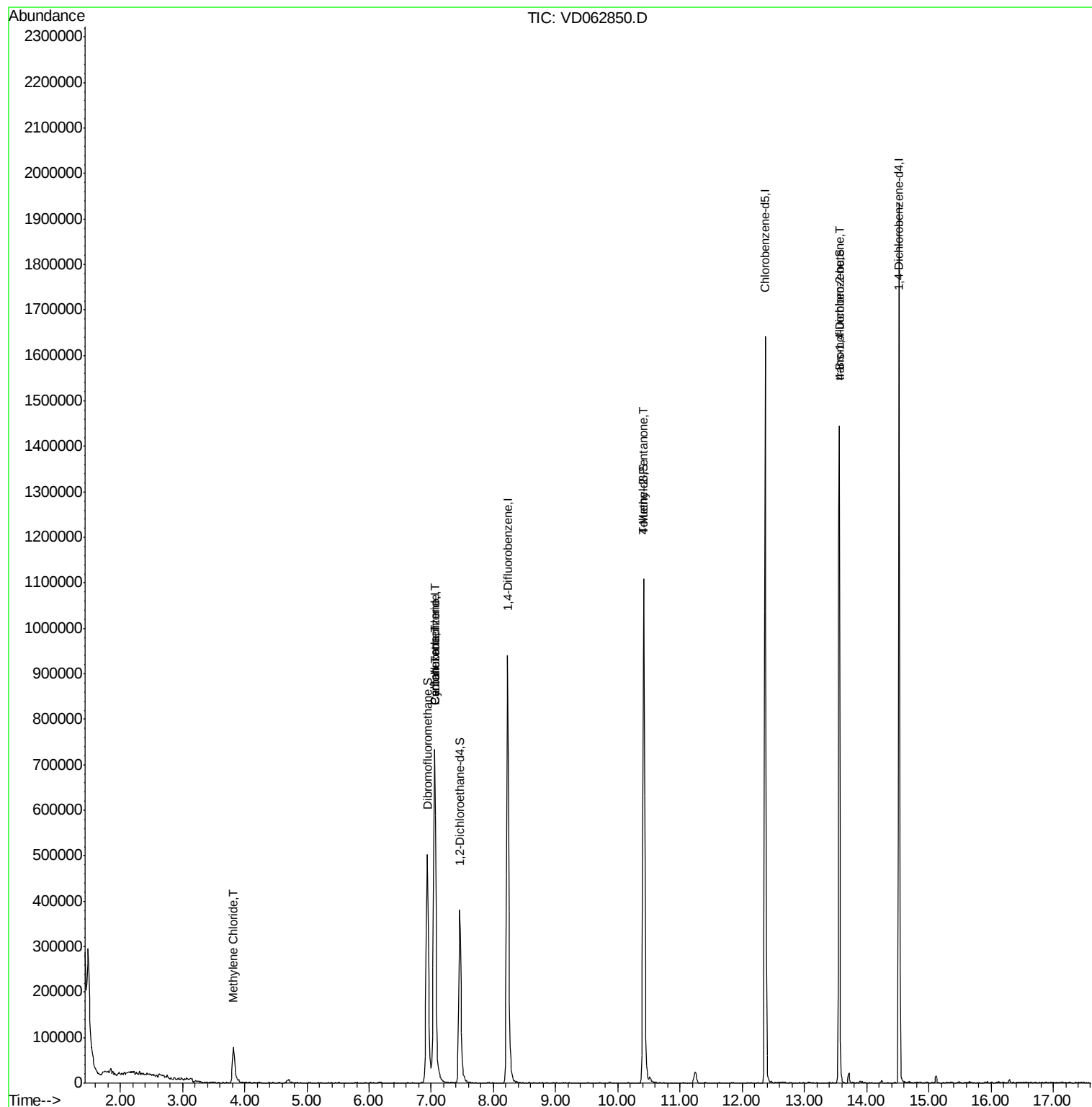
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	700380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	967877	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	821459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	401302	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	438445	57.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.18%	
35) Dibromofluoromethane	6.94	113	445048	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
50) Toluene-d8	10.41	98	899315	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	13.56	95	403725	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
Target Compounds						
16) Acetone	3.23	43	5357	Below Cal	#	78
20) Methylene Chloride	3.82	84	50462	8.691	ug/l	93
31) Cyclohexane	7.05	56	20252	2.833	ug/l #	24
37) Ethyl Acetate	6.16	43	182	Below Cal	#	69
38) Carbon Tetrachloride	7.05	117	75654	5.490	ug/l #	16
51) 4-Methyl-2-Pentanone	10.40	43	5602	1.645	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.56	75	195106	160.691	ug/l #	2

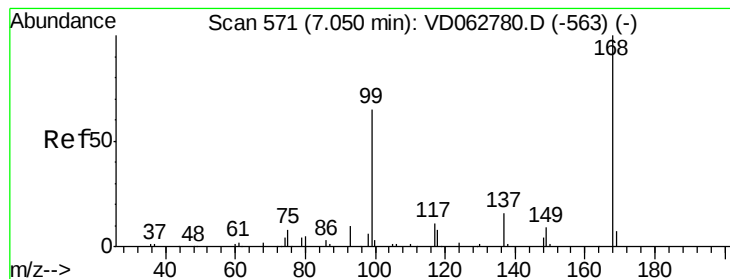
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062850.D

Acq: 24 Jun 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

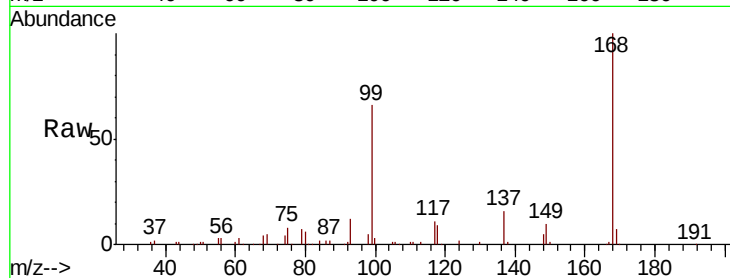
B-7(9-10)

Tot Ion:168 Resp: 700380

Ion Ratio Lower Upper

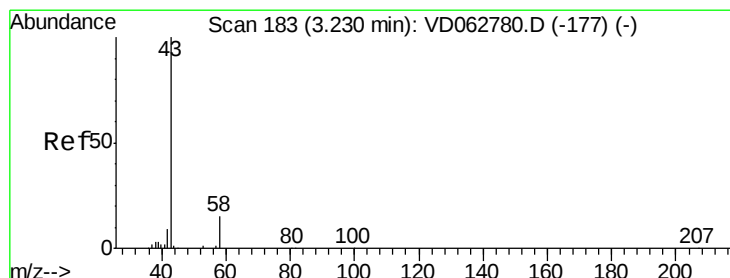
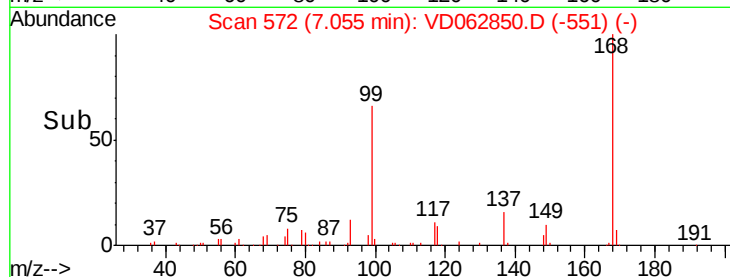
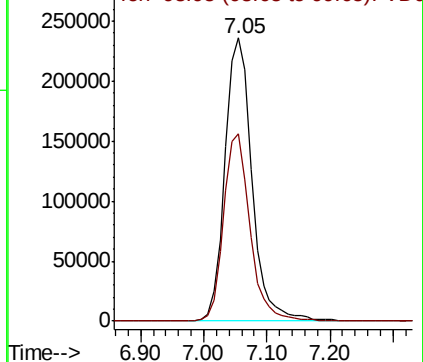
168 100

99 66.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: Below Cal

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062850.D

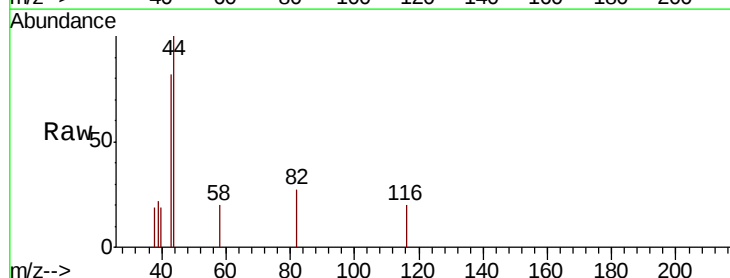
Acq: 24 Jun 2019 19:42

Tgt Ion: 43 Resp: 5357

Ion Ratio Lower Upper

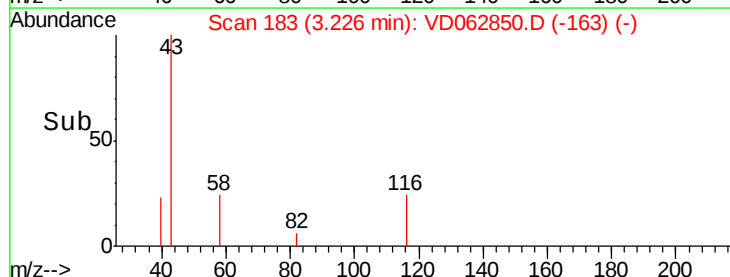
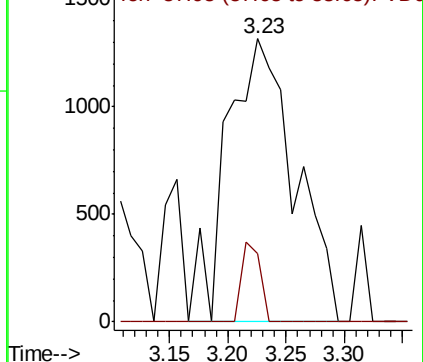
43 100

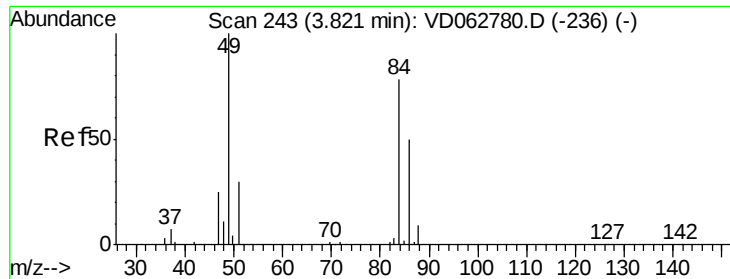
58 24.1 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

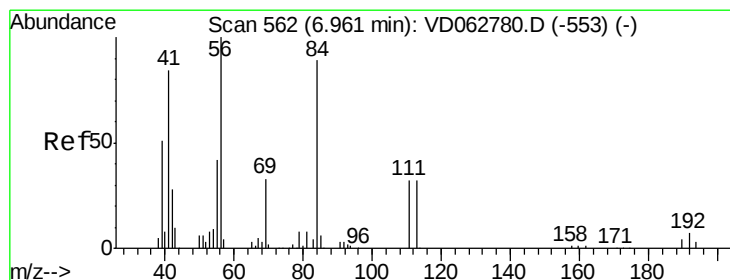
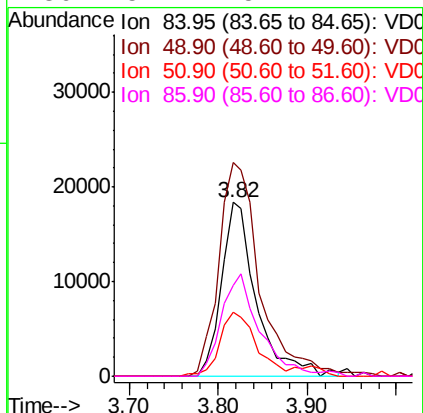
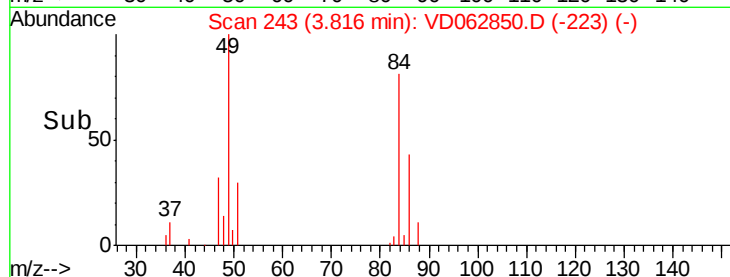
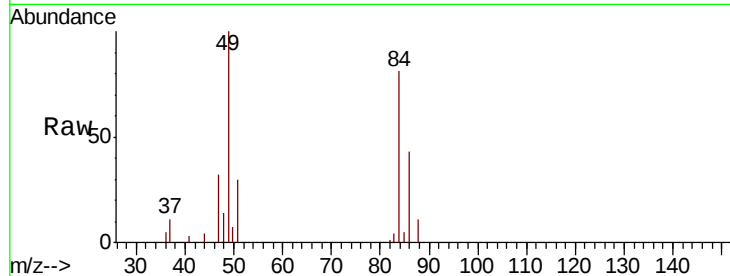




#20
Methylene Chloride
Concen: 8.691 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD062850.D
Acq: 24 Jun 2019 19:42

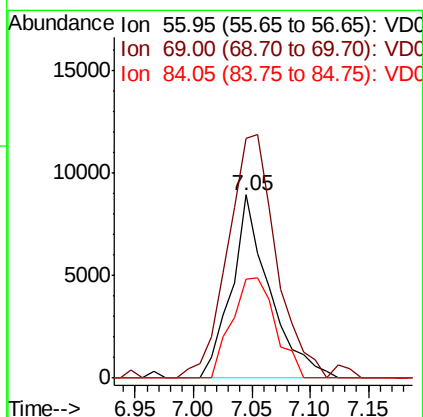
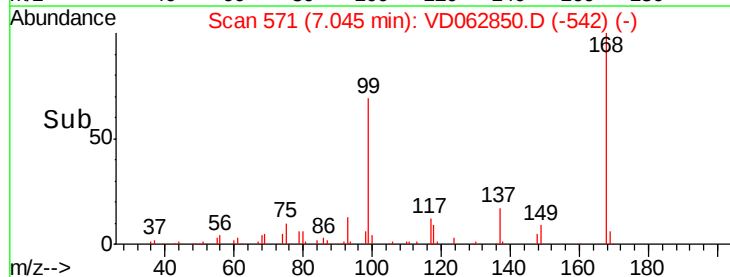
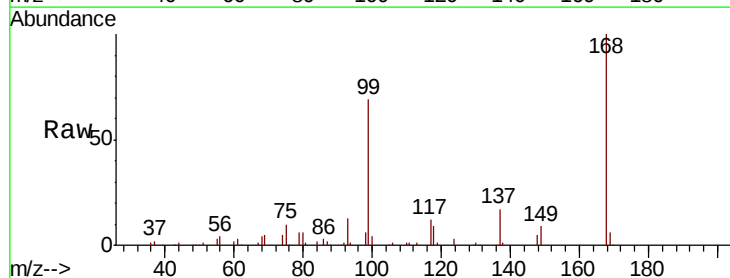
Instrument :
MSVOA_D
ClientSampleId :
B-7(9-10)

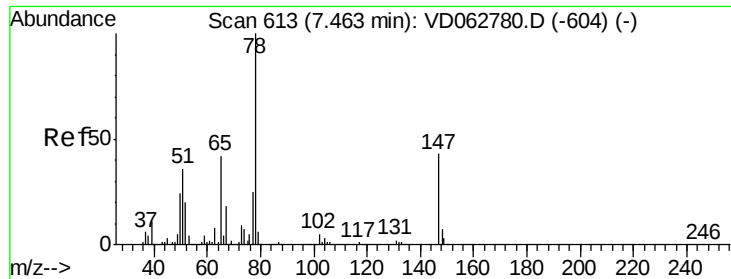
Tot Ion: 84 Resp: 50462
Ion Ratio Lower Upper
84 100
49 122.9 102.9 154.3
51 37.0 31.2 46.8
86 52.7 51.4 77.2



#31
Cyclohexane
Concen: 2.833 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.08 min
Lab File: VD062850.D
Acq: 24 Jun 2019 19:42

Tgt Ion: 56 Resp: 20252
Ion Ratio Lower Upper
56 100
69 130.8 26.6 39.8#
84 54.2 75.5 113.3#





#33

1,2-Dichloroethane-d4

Concen: 57.591 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062850.D

Acq: 24 Jun 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

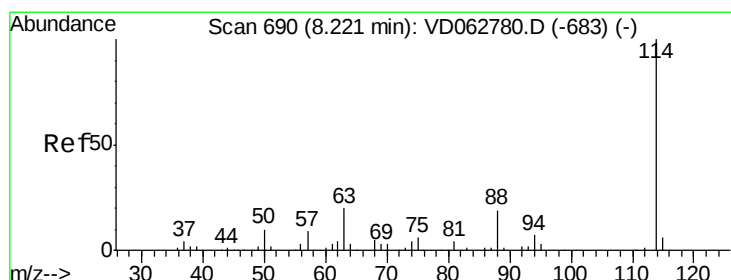
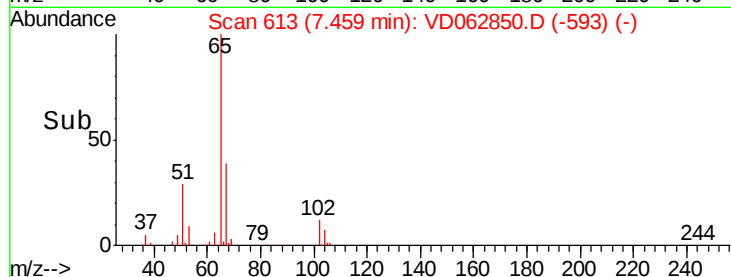
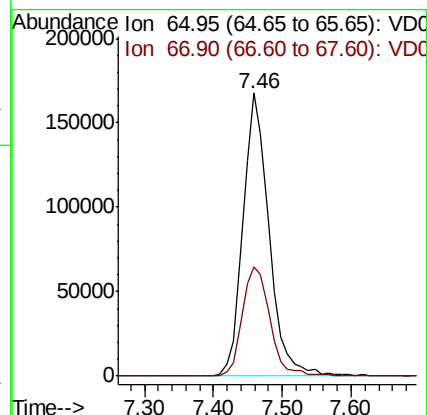
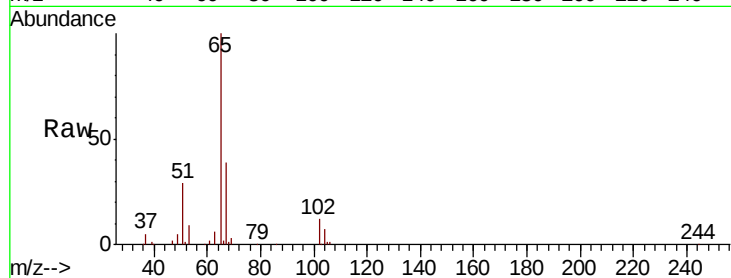
B-7(9-10)

Tot Ion: 65 Resp: 438445

Ion Ratio Lower Upper

65 100

67 38.8 0.0 87.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062850.D

Acq: 24 Jun 2019 19:42

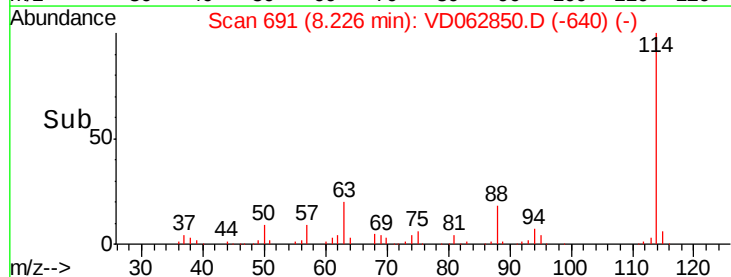
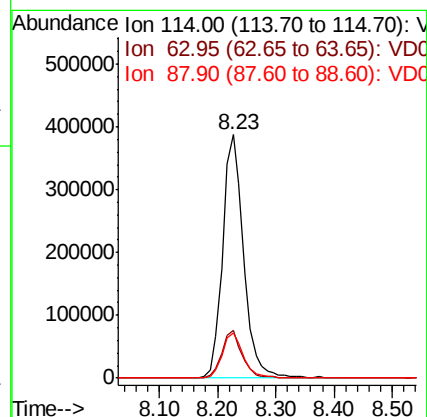
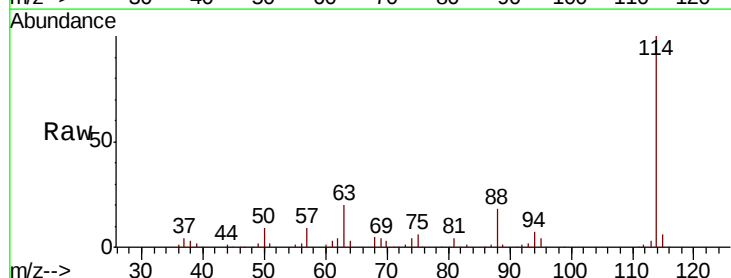
Tgt Ion: 114 Resp: 967877

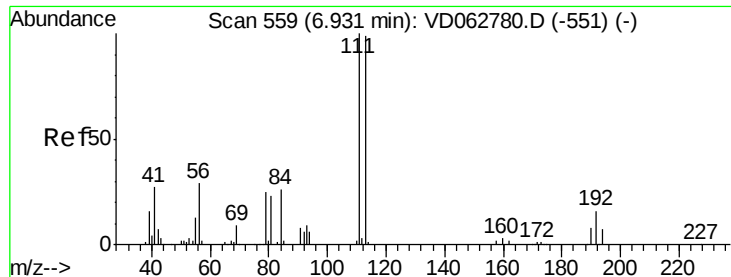
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 18.3 0.0 38.8

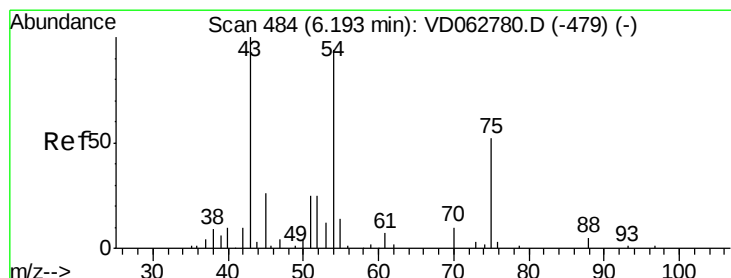
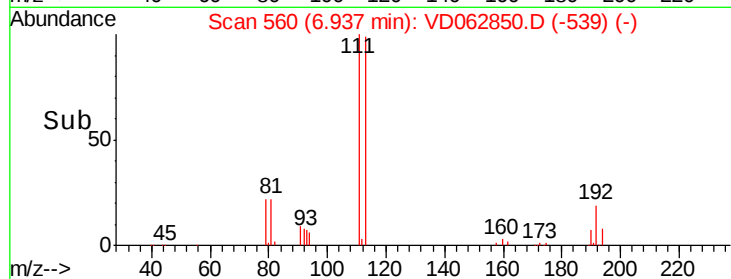
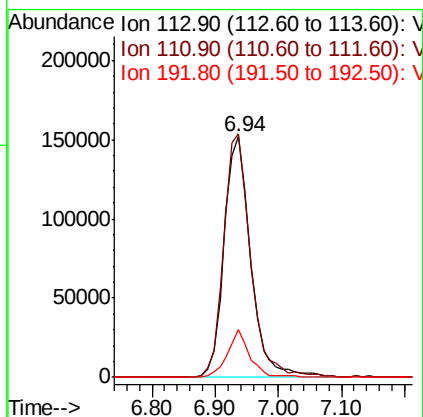
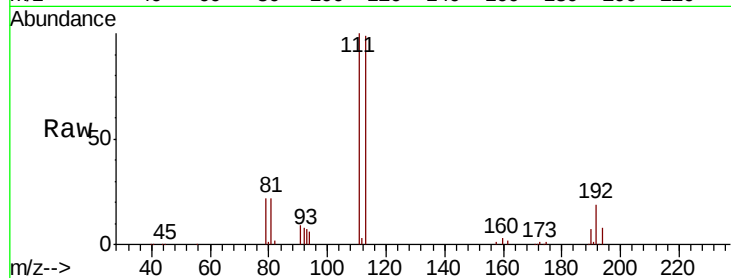




#35
 Dibromofluoromethane
 Concen: 54.533 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD062850.D
 Acq: 24 Jun 2019 19:42

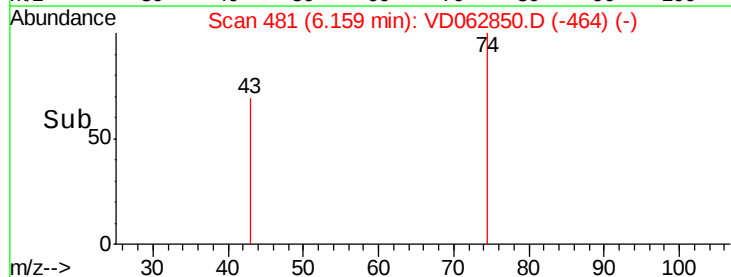
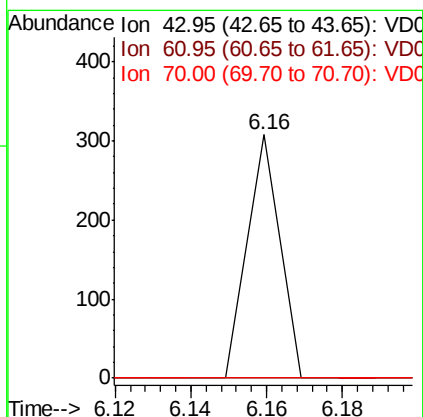
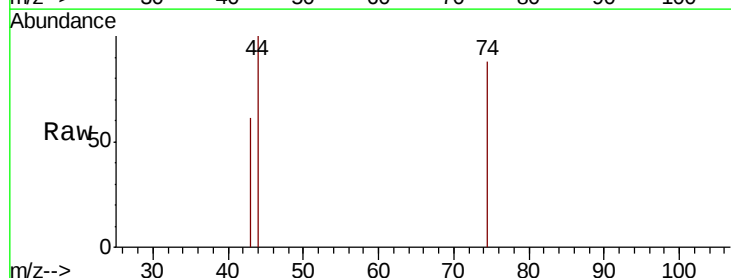
Instrument :
 MSVOA_D
 ClientSampleId :
 B-7(9-10)

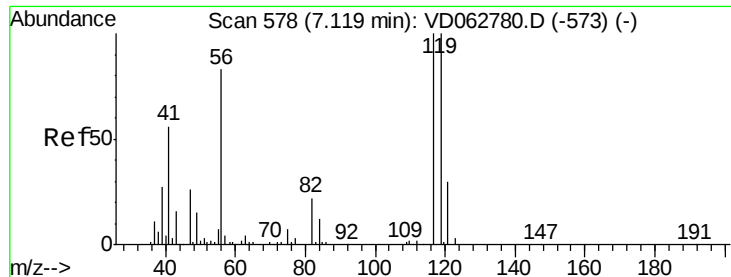
Tot Ion:113 Resp: 445048
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.2 121.8
 192 19.7 12.9 19.3#



#37
 Ethyl Acetate
 Concen: Below Cal
 RT: 6.16 min Scan# 481
 Delta R.T. -0.03 min
 Lab File: VD062850.D
 Acq: 24 Jun 2019 19:42

Tgt Ion: 43 Resp: 182
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.6 17.4#
 70 0.0 6.4 9.6#





#38

Carbon Tetrachloride

Concen: 5.490 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD062850.D

Acq: 24 Jun 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

B-7(9-10)

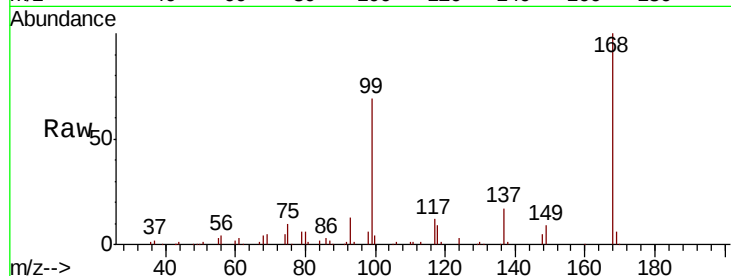
Tot Ion:117 Resp: 75654

Ion Ratio Lower Upper

117 100

119 4.5 75.4 113.2#

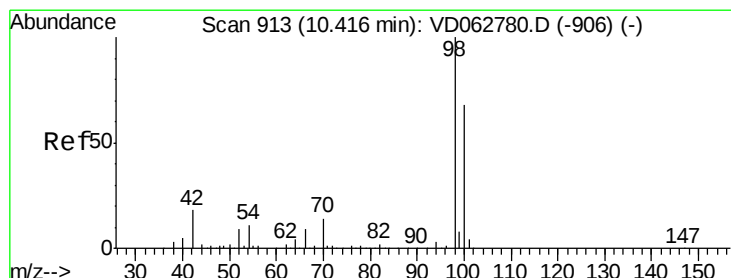
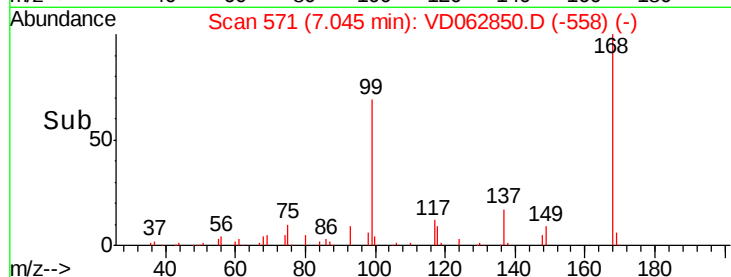
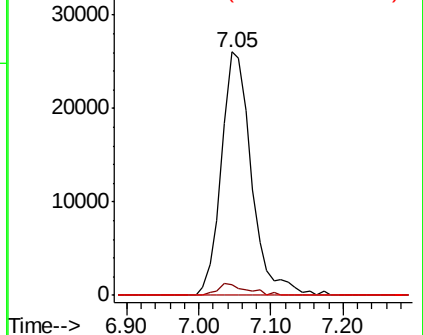
121 0.0 22.3 33.5#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: 50.631 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD062850.D

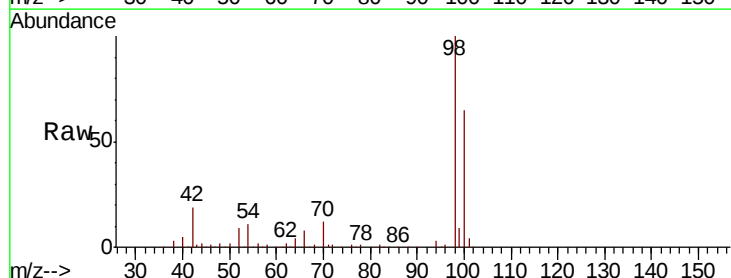
Acq: 24 Jun 2019 19:42

Tgt Ion: 98 Resp: 899315

Ion Ratio Lower Upper

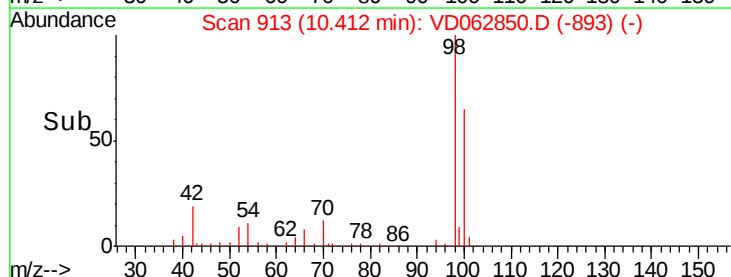
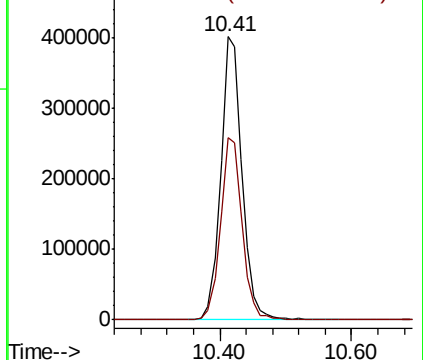
98 100

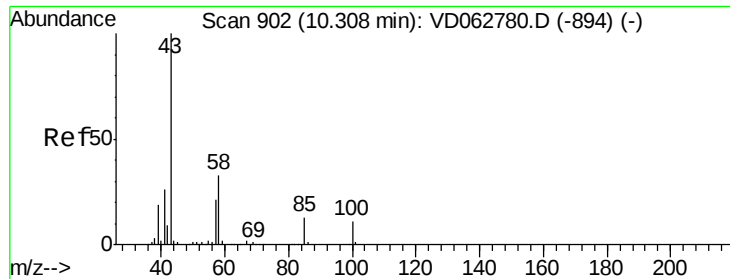
100 64.5 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

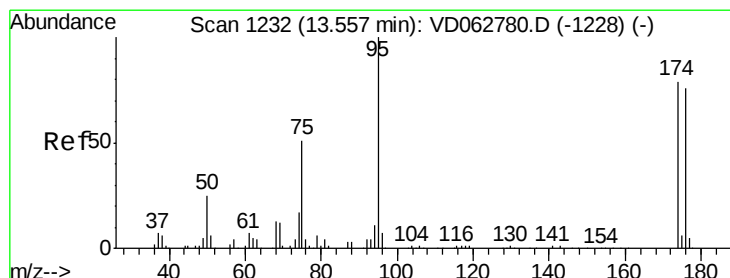
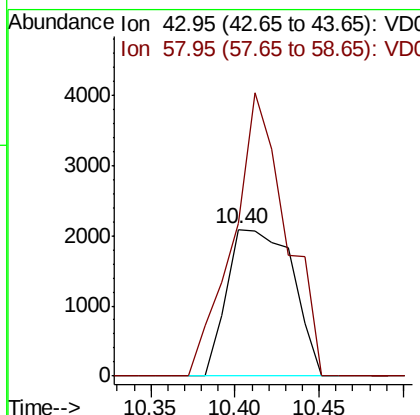
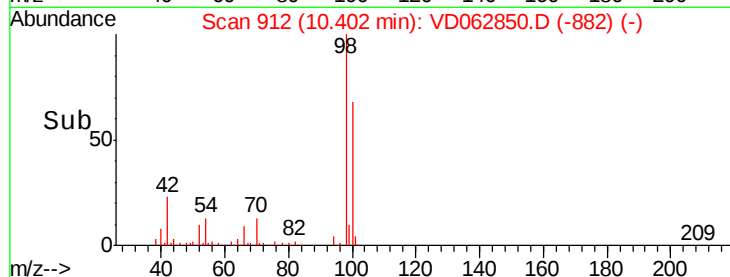
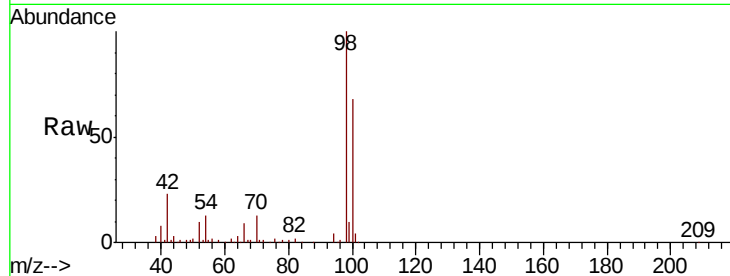




#51
4-Methyl-2-Pentanone
Concen: 1.645 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.09 min
Lab File: VD062850.D
Acq: 24 Jun 2019 19:42

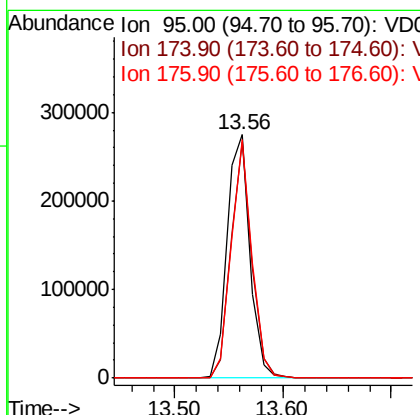
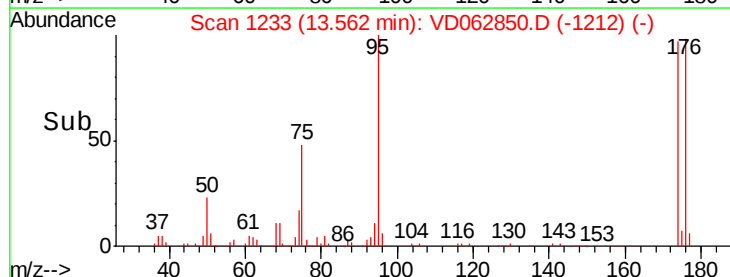
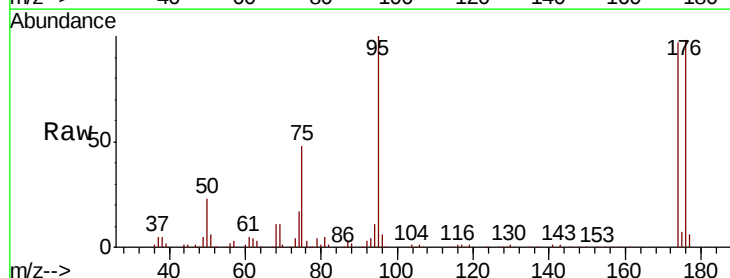
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B-7(9-10)

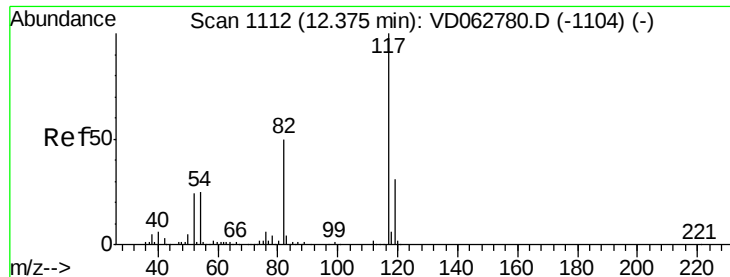
Tot Ion: 43 Resp: 5602
Ion Ratio Lower Upper
43 100
58 103.7 26.6 40.0#



#62
4-Bromofluorobenzene
Concen: 49.987 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062850.D
Acq: 24 Jun 2019 19:42

Tgt Ion: 95 Resp: 403725
Ion Ratio Lower Upper
95 100
174 97.1 0.0 158.0
176 97.7 0.0 151.6

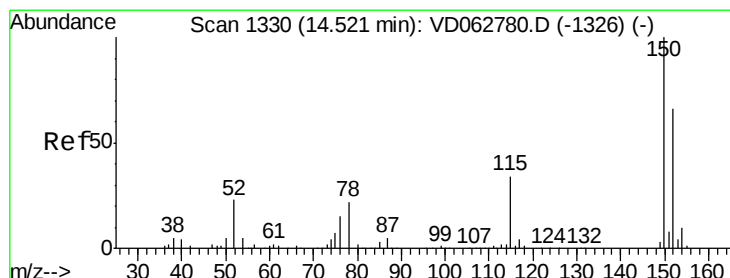
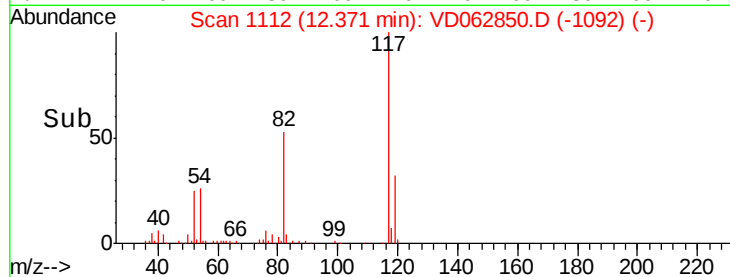
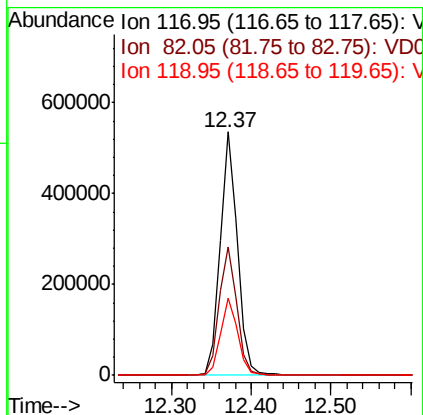
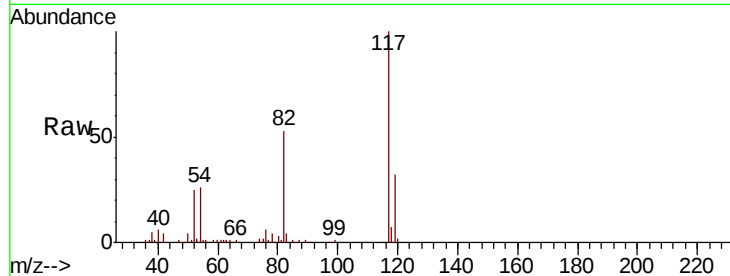




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062850.D
Acq: 24 Jun 2019 19:42

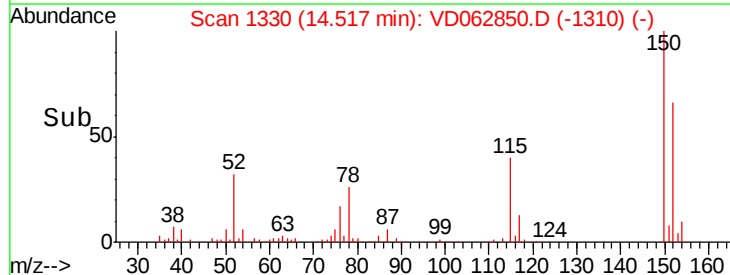
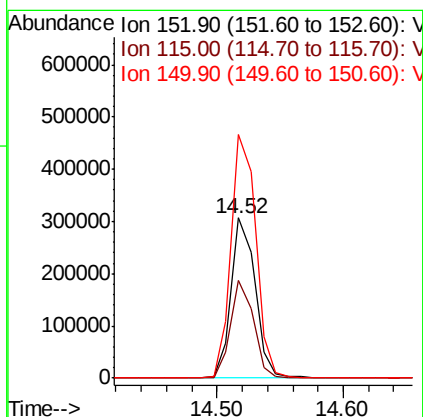
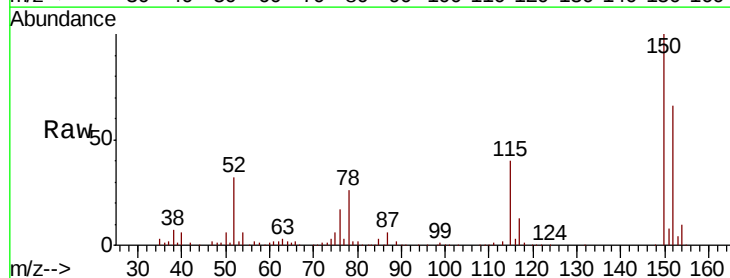
Instrument :
MSVOA_D
ClientSampleId :
B-7(9-10)

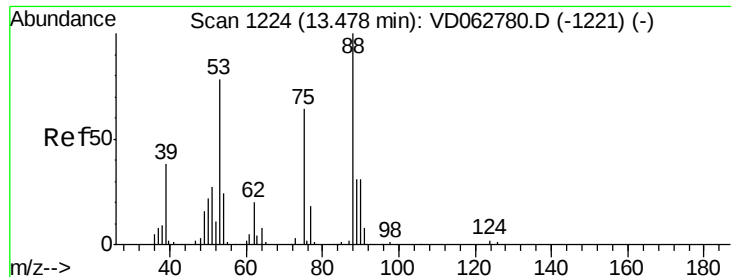
Tot Ion:117 Resp: 821459
Ion Ratio Lower Upper
117 100
82 52.9 40.4 60.6
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062850.D
Acq: 24 Jun 2019 19:42

Tgt Ion:152 Resp: 401302
Ion Ratio Lower Upper
152 100
115 61.4 29.2 87.6
150 152.2 0.0 305.8





#81

trans-1,4-Dichloro-2-butene

Concen: 160.691 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD062850.D

Acq: 24 Jun 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

B-7(9-10)

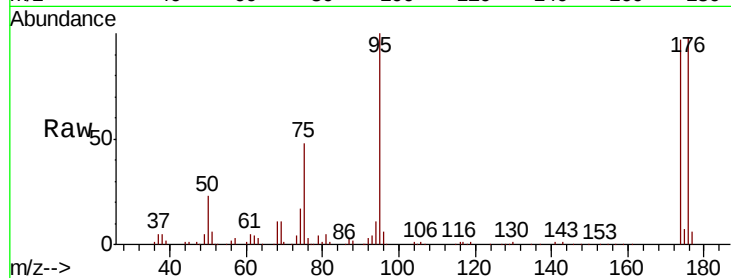
Tot Ion: 75 Resp: 195106

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

89 0.0 39.4 59.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

